THIS INFORMATION IS DESIGNED TO ASSIST QUALIFIED PERSONNEL ONLY. UNTRAINED PERSONS SHOULD NOT ATTEMPT TO MAKE REPAIRS DUE TO THE POSSIBILITY OF ELECTRICAL SHOCK.

POLARIZED CIRCUITS AND PROPER GROUNDING

This appliance has polarized circuits and requires a three-wire grounded wall receptacle. Non-insulated electrical components are grounded with a green wire.

⚠WARNING

If the product is not properly grounded and a component shorts to ground, **TOUCHING THE APPLIANCE COULD RESULT IN A SEVERE ELECTRICAL SHOCK.**

All electrical testing must be done with the appliance unplugged. Use an ohmmeter or low voltage test light.

IMPORTANT • RECONNECT GROUNDING DEVICES

TEST CYCLING

Remove cover by inserting screwdriver in notch at bottom and prying cover from housing. Use screwdriver to rotate motor gear counter-clockwise until holding-switch circuit is completed. All components of ice maker should function to complete the cycle.

WATER FILL VOLUME

The water fill adjustment screw will change the fill volume by changing the fill time. One full turn is equal to 20 cc (.68 oz). The correct fill is 90 to 120 cc (3.0 to 4.0 oz). When a water valve is replaced the fill volume must be checked.

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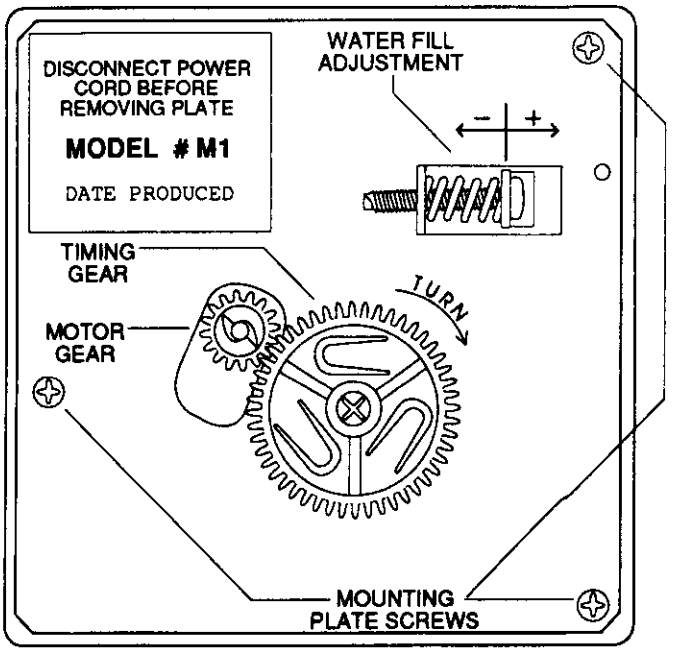
SERVICE DATA SHEET 218721700
AUTOMATIC ICE MAKER

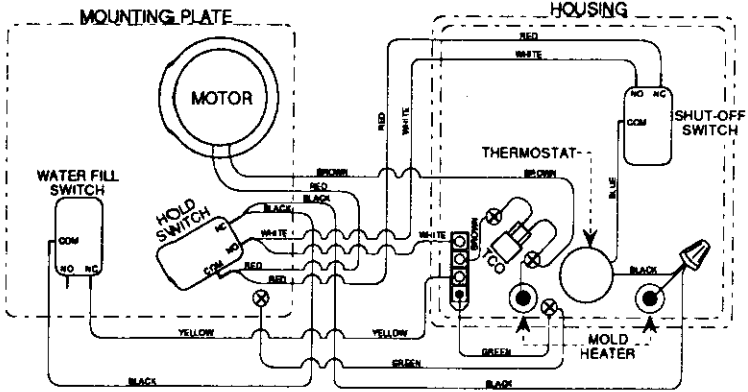
901650-00-A



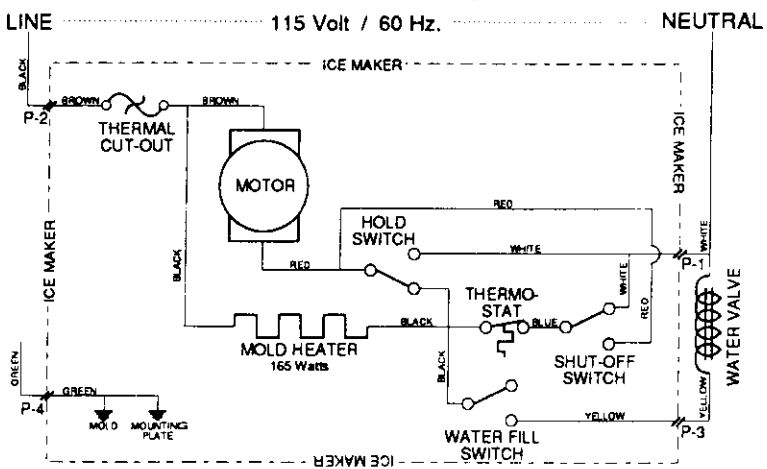
SHUT-OFF ARM & SWITCH

The cam-driven shut-off arm operates a switch. In harvest cycle, arm is raised and lowered during each of the two revolutions. If ice in storage bin keeps arm up, shut-off switch will open and stop ice maker at end of that revolution. Shut-off arm can be manually raised to its locked position to shut off ice maker.

WIRING DIAGRAM



SCHEMATIC



TIMING SWITCHES

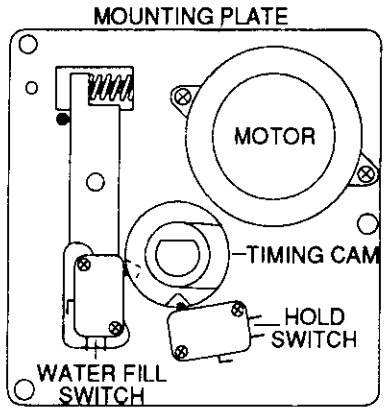
Three single-pole, double-throw switches are used for timing. These switches can be used interchangeably.

SWITCH FUNCTIONS:

Shut-off Switch -
stops ice maker operation if shut-off arm is in up position (manually or resting on ice in ice container).

Water Fill Switch -
provides power to water valve during fill cycle. This is the only adjustable component in the ice maker.

Hold Switch -
assures completion of a revolution once the ice maker has started to run.



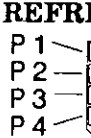
THERMAL CUT-OUT [TCO]

The thermal cut-out is a safety device and must not be bypassed. If the thermal cut-out is found to be electrically open, the cause of the failure must be found and corrected before it is replaced. Refer to the service manual for further information.

SPECIFICATIONS

Electrical • 115 Volts / 60 Hz.
Thermostat • Open 48°F / Close 15 °F
Heater Wattage • 165 Watts

REFRIGERATOR HARNESS



FREEZE CYCLE

Mold is filled with water, thermostat is open and all electrical components are de-energized.